INDEX.

Abel, N. H., 360.
Abelian Group of Order p^{m-1} and of Type (1, 1, 1, ...), Determination of All the Groups of Order p^m, p being any Prime, which Contain the, G. A. Miller, 391.
——— Groups which are Conformal with Non-Abelian Groups, On the, G. A. Miller, 154.
Academy of Sciences: Belgian, 263, 308; Danish, 223; National, 355; Paris, 222.
Algebra, The Application of the Fundamental Laws of Algebra to the Multiplication of Infinite Series, F. Cajori, 231.
——— Hatzidakis's Introduction to Higher, A. B. Frizell, 169.
American Association for the Advancement of Science, The Fiftieth Annual Meeting of the, G. A. Miller, 71.
——— Association, 29.
——— Journal of Mathematics, 86, 221, 355, 482.
——— Mathematical Society, Report of Meetings: Eighth Summer Meeting, F. N. Cole, 1; Ithaca Colloquium, E. Kasner, 22; October Meeting, E. Kasner, 95; Eighth Annual Meeting, F. N. Cole, 183; February Meeting, E. Kasner, 271; April Meeting, F. N. Cole, 367; January Meeting of Chicago Section, T. F. Holgate, 198; March Meeting of Chicago Section, T. F. Holgate, 319; First Meeting of San Francisco Section, E. J. Wilczynski, 429.
——— Mathematical Society, Amendment of By-Laws, 96; Annual Meeting, 129; Annual Register, 129, 221; Chicago Section, 29, 129, 261; Election of Officers, 185; Library, 183, 261, 308, 355, 419; New Members Admitted, 2, 95, 184, 271, 367; Ninth Summer Meeting, 271, 355; San Francisco Section, 271, 309, 355; Transactions, 85, 172, 271, 308, 481.
——— Physical Society, 173.
Ames (J. S.): Riemann-Weber's Partial Differential Equations of Mathematical Physics, 81.
Amsterdam Scientific Society, 264.
Analyse, Picard's Traité d'Analyse, Second Edition, Vol. I, M. Böcher, 124.
Analysis, Wilson's Vector Analysis, A. Ziwet, 207.
Analytic Function, Note on the Sufficient Conditions for an, D. R. Curtiss, 329.
André, C., 222.
Angles and the Angular Determination of Planes in 4-Space, Concerning the, C. J. Keyser, 324.
Annals of Mathematics, 86, 221, 356, 482.
Annuaire pour l'An 1902 du Bureau des Longitudes, E. W. Brown, 260.
Annual List of Papers Read before the American Mathematical Society and Subsequently Published, Eleventh, 491.
——— Meeting of the American Association for the Advancement of Science, The Fiftieth, G. A. Miller, 71.
——— Meeting of the American Mathematical Society, The Eighth, F. N. Cole, 183; 129.
——— Register, American Mathematical Society, 129, 221.
Antiquity and the Middle Ages, Zeuthen's History of Mathematics in, French Translation by Mascart, D. E. Smith, 353.
Application of the Fundamental Laws of Algebra to the Multiplication of Infinite Series, The, F. Cajori, 231.

Applications of Green's Theorem in One Dimension, Some, O. Dunkel, 288.
Approximate Construction for π, Note on Mr. George Peirce's, E. Lemoine, 137.
April Meeting of the American Mathematical Society, The, F. N. Cole, 367.
Archiv der Mathematik und Physik, 262, 264.
Arnold, P., 38.
Association for the Advancement of Science, The Fiftieth Annual Meeting of the American, G. A. Miller, 71.
——— The Hamburg Meeting of the German Mathematical,, C. M. Mason, 113.
——— American, 29.
——— British, 130.
——— British Mathematical, 420.
——— German Mathematical, 29, 130, 355.
——— for the Study of Quaternions, International, 130.
Authors of Articles in the BULLETIN:
Ames, J. S., 81.
Bôcher, M., 53, 124, 168.
Bromwich, T. J. I'A., 375, 386.
Brown, E. W., 103, 260.
Cajori, F., 231.
Cole, F. N., 1, 183, 367.
Coolidge, J. L., 216.
Curtiss, D. R., 329.
Davis, E. W., 412.
Dickson, L. E., 63, 257, 259, 394.
Dunkel, O., 288.
Easton, B. S., 349.
Eisenhart, L. P., 241, 301.
Epsteen, S., 239.
Fite, W. B., 236.
Frizell, A. B., 169.
Hilbert, D., 437.
Hill, M. J. M., 479.
Holgate, T. F., 198, 319.
Huntington, E. V. 122, 296, 388, 419.
Kasner, E., 22, 95, 243, 271.
Keyser, C. J., 324.
Lehmer, D. N., 401.
Lemoine, E., 137.
Lovett, E. O., 352.
Mason, C. M., 113.
Miller, G. A., 71, 154, 303, 391.
Newson, M. W., 437.
Osgood, W. F., 248.
Page, J. M., 332.
Pell, A., 27.
Schottenfels, I. M., 25.
Slocum, S. E., 156, 280.
Smith, D. E., 353.
Snyder, V., 293.
Stecker, H. F., 148.
Whittemore, J. K., 122, 419.
Wilczynski, E. J., 429.
Wilson, E. B., 341, 403.
Ziwet, A., 207.
Bacon, C. A., 132.
Baker, A. L., 38.
Belgian Academy of Sciences, 263, 308.
Beltrami, E., 264.
Beman's (W. W.) Translation of Dedekind's Essays on the Theory of Numbers, L. E. Dickson, 259.
Benner, H., 38.
Berger, A. F., 88.
Berlin Mathematical Society, 172, 262, 419.
——— University of, 30, 357.
Bibliography, 39, 89, 133, 176, 224, 265, 315, 361, 422, 485.
——— German Bureau for International, 360.
Bibliotheca Mathematica, 86, 264.
Bitangents to a Quartic Curve, The Configurations of the 27 Lines on a Cubic Surface and the 28, L. E. Dickson, 63.
Black, C. W. M., 38.
Bôcher, M., 88.

Bôcher (M.): On Wronskians of Functions of a Real Variable, 53.
——— Picard's Traité d'Analyse, Second Edition, Vol. I, 124.
——— Schlesinger's Introduction to the Theory of Differential Equations with One Independent Variable, 168.
Bodies, Modern Methods of Treating Dynamical Problems and in Particular the Problem of Three, E. W. Brown, 103.
——— Schepp's German Edition of Routh's Dynamics of Systems of Rigid, E. B. Wilson, 341.
Bolletino di Matematica, II, 173.
Bonn, University of, 30, 357.
Books on Mechanics, Some Recent, E. B. Wilson, 341, 403.
Borel, E., 222.
Boulvin, J., 222.
Bouton, C. L., 481.
Boyd, J. E., 38.
Breslau, University of, 31, 312.
British Association, 130, 309.
——— Mathematical Association, 420.
Brown (E. W.): Annuaire pour l'An 1902 du Bureau des Longitudes, 260.
——— Modern Methods of Treating Dynamical Problems and in Particular the Problem of Three Bodies, 103.
Bromwich, T. J. I'A., 265.
Bromwich (T. J. I'A.): On the Parabolas (or Paraboloids) through the Points Common to Two Given Conics (or Quadrics), 386.
——— The Infinitesimal Generators of Parameter Groups, 375.
Brussels Scientific Society, 421.
Bureau des Longitudes, Annuaire pour l'An 1902 du, E. W. Brown, 260.
——— for International Bibliography, German, 360.
Burnside (W. S.) and Panton's Theory of Equations, The Galois Theory in, B. S. Easton, 349.

Cahen's (E.) Elements of the Theory of Numbers, L. E. Dickson, 257.
Cajori (F.): The Application of the Fundamental Laws of Algebra to the Multiplication of Infinite Series, 231.
Calculus, A Modern English (Gibson's), W. F. Osgood, 248.
——— Kiepert's, E. W. Davis, 412.
California, University of, 310.
Cambridge Philosophical Society, 130, 309.
Cambridge University, 86, 87, 88, 131, 309.
Canonical Form, Note on the Transformation of a Group into its, S. E. Slocum, 280.
Cantor, M., 36.
Carda, K., 37.
Caspary, F., 88.
Catalogues of Mathematical Books, 36, 314, 360, 422.
Cellérier's (C.) Mechanics, E. B. Wilson, 403.
Centesimal Division of the Quadrant, 86, 264.
Cherbourg Society of Natural and Mathematical Sciences, 130.
Chicago Section, American Mathematical Society, 29, 129, 261.
——— Section, The January Meeting of the, T. F. Holgate, 198.
——— Section, The March Meeting of the, T. F. Holgate, 319.
——— University, 88, 356, 482.
Circular Points, Some Curious Properties of Conics Touching the Line Infinity at One of the, E. V. Huntington and J. K. Whittemore, 122, 419.

Class of a Group of Order p^m that Contains an Operator of Order p^{m-2} or p^{m-3}, p being a Prime, Concerning the, W. B. Fite, 236.
Class of Simply Transitive Linear Groups, A, L. E. Dickson, 394.
Coble, A. B., 421.
Cole (F. N.): Reports of Meetings of the American Mathematical Society: Eighth Summer Meeting, 1; Eighth Annual Meeting, 183; April Meeting, 367.
College of France, 174.
Colloquium, The Ithaca, E. Kasner, 22.
——— Abstract of Lectures before the Ithaca, E. W. Brown, 103.
Columbia University, 483.
Complex, Concerning the Elliptic $\wp(g_2, g_3, z)$ -Functions as Coördinates in a Line Complex, and Certain Related Theorems, H. F. Stecker, 148.
Concerning Surfaces whose First and Second Fundamental Forms are the Second and First Fundamental Forms Respectively of Another Surface, A. Pell, 27.
Concerning the Angles and the Angular Determination of Planes in 4-Space, C. J. Keyser, 324.
Concerning the Class of a Group of Order p^m that Contains an Operator of Order p^{m-2} or p^{m-3}, p being a Prime, W. B. Fite, 236.
Concerning the Elliptic $\wp(g_2, g_3, z)$-Functions as Coördinates in a Line Complex, and Certain Related Theorems, H. F. Stecker, 148.
Conditions for an Analytic Function, Note on the Sufficient, D. R. Curtiss, 329.
Configurations of the 27 Lines on a Cubic Surface and the 28 Bitangents to a Quartic Curve, The, L. E. Dickson, 63.
Conformal, On the Abelian Groups which are Conformal with Non-Abelian Groups, G. A. Miller, 154.
Congruences, Note on Isotropic, L. P. Eisenhart, 301.
Conics, On the Parabolas (or Paraboloids) through the Points Common to Two Given Conics (or Quadrics), T. J. I'A. Bromwich, 386.
——— Touching the Line Infinity at One of the Circular Points, Some Curious Properties of, E. V. Huntington and J. K. Whittemore, 122, 419.
Construction for π, Note on Mr. George Peirce's Approximate, E. Lemoine, 137.
Conti, A., 173.
Coolidge, J. L., 484.
Coolidge (J. L.): Euclid's Elements (Simon's and Hill's Euclids), 216.
Coördinates, Concerning the Elliptic $\wp(g_2, g_3, z)$-Functions as Coördinates in a Line Complex, and Certain Related Theorems, H. F. Stecker, 148.
Copley Medal, 132.
Cornell University, 262, 483.
Corrections, 129, 308, 419.
Crawley, E. S., 29.
Cubic, the Configurations of the 27 Lines on a Cubic Surface and the 28 Bitangents to a Quartic Curve, L. E. Dickson, 63.
Curious Properties of Conics Touching the Line Infinity at One of the Circular Points, Some, E. V. Huntington and J. K. Whittemore, 122, 419.
Curtiss (D. R.): Note on the Sufficient Conditions for an Analytic Function, 329.

Curve, The Configuration of the 27 Lines on a Cubic Surface and the 27 Bitangents to a Quartic, L. E. Dickson, 63.
Curved Surfaces, Morehead and Hiltebeitel's Translation of Gauss's General Investigation of, E. O. Lovett, 352.

Danish Academy of Sciences, 223.
Darboux, G., 175.
Davis (E. W.): Kiepert's Calculus, 412.
Dedekind's (R.): Essays on the Theory of Numbers (Beman's Translation), L. E. Dickson, 259.
Dedekind, R., 314.
Definition of a Group, Simplified, E. V. Huntington, 296.
——— of a Group, A Second, E. V. Huntington, 388.
Determination of All the Groups of Order p^m, p being any Prime, which Contain the Abelian Group of Order p^{m-1} and of Type $(1, 1, 1, \ldots)$, G. A. Miller, 391.
Determination of Planes in 4-Space, Concerning the Angles and the Angular, C. J. Keyser, 324.
Dickson, L. E., 482.
Dickson (L. E.): A Class of Simply Transitive Linear Groups, 394.
——— Beman's Translation of Dedekind's Essays on the Theory of Numbers, 259.
——— Cahen's Elements of the Theory of Numbers, 257.
——— The Configurations of the 27 Lines on a Cubic Surface and the 28 Bitangents to a Quartic Curve, 65.
Dictionary of Mathematics, 264.
Differential and Integral Calculus, Kiepert's, E. W. Davis, 412.
——— Equations of Mathematical Physics, Riemann-Weber's Partial, J. S. Ames, 81.
——— Equations with One Independent Variable, Schlesinger's Introduction to the Theory of, M. Böcher, 168.
——— Proof that the Group of an Irreducible Linear Differential Equation is Transitive, S. Epsteen, 239.
Divisors, Errors in Legendre's Tables of Linear, D. N. Lehmer, 401.
Dixon, A. C., 265, 421.
Doctorates in Mathematics in 1901, American, 35.
Dunkel, O., 484.
Dunkel (O.): Some Applications of Green's Théorem in One Dimension, 288.
Dynamical Problems and in Particular the Problem of Three Bodies, Modern Methods of Treating, E. W. Brown, 103.
Dynamics and Properties of Matter (Gray's Treatise on Physics, Vol. 1), E. B. Wilson, 403.
——— Roberts's Treatise on Elementary, E. B. Wilson, 341.
——— Routh's Dynamics of Systems of Rigid Bodies (Schepp's German Translation), E. B. Wilson, 341.

Easton, B. S., 360.
Easton (B. S.): The Galois Theory in Burnside and Panton's Theory of Equations, 349.
Ecole Polytechnique, 86, 264.
Edinburgh Mathematical Society, 419.
Eighth Annual Meeting of the American Mathematical Society, The, F. N. Cole, 183; 129.
——— Summer Meeting of the American Mathematical Society, The, F. N. Cole, 1.
Eisenhart (L. P.): Lines of Length Zero on Surfaces, 241.

——— Note on Isotropic Congruences, 301.
Election of Officers, American Mathematical Society, 185.
——— of New Members, American Mathematical Society, 2, 95, 184, 271, 367.
Elementary Dynamics, Roberts's Treatise on, E. B. Wilson, 341.
——— Mathematics, Encyclopedia of, 421.
——— Treatise on the Calculus, Gibson's, W. F. Osgood, 248.
Elements, Simon's and Hill's Euclids, J. L. Coolidge, 216. [Cf. 479.]
——— of the Theory of Numbers, Cahen's L. E. Dickson, 257.
Elliptic $\wp$ (g_2, g_3, z)-Functions as Coördinates in a Line Complex, and Certain Related Theorems, Concerning the, H. F. Stecker, 148.
Encyclopædia of the Mathematical Sciences, 36.
——— of Elementary Mathematics, 421.
Engel, F., 37.
English Calculus, A Modern, (Gibson's), W. F. Osgood, 248.
Epsteen (S.): Proof that the Group of an Irreducible Linear Differential Equation is Transitive, 239.
Equations of Mathematical Physics, Riemann-Weber's Partial Differential, J. S. Ames, 81.
——— The Galois Theory in Burnside and Panton's Theory of Equations, B. S. Easton, 349.
——— With One Independent Variable, Schlesinger's Introduction to the Theory of Differential, M. Bôcher, 168.
Erlangen, University of, 31, 312.
Errata, 129, 308, 419.
Errors in Legendre's Tables of Linear Divisors, D. N. Lehmer, 401.
Essays on the Theory of Numbers, Beman's Translation of Dedekind's, L. E. Dickson, 259.
Esty, T. C., 38.
Euclid's Elements (Simon's Euclid and the Six Planimetric Books; Hill's Contents of the Fifth and Sixth Books of Euclid), J. L. Coolidge, 216; Reply by M. J. M. Hill, 479.

Fagnart, F., 223 [Read Ghent for Geneva].
February Meeting of the American Mathematical Society, The, E. Kasner, 271.
Fiftieth Annual Meeting of the American Association for the Advancement of Science, The, G. A. Miller, 71.
First Meeting of the San Francisco Section of the American Mathematical Society, The, E. J. Wilczynski, 429.
Fite (W. B.): Concerning the Class of a Group of Order p^m that Contains an Operator of Order p^{m-2} or p^{m-3}, p being a Prime, 236.
Form, Note on the Transformation of a Group into its Canonical, S. E. Slocum, 280.
Forms of Quintic Scrolls, On the, V. Snyder, 293.
Four-Space, Concerning the Angles and the Angular Determination of Planes in, C. J. Keyser, 324.
Freiburg, University of, 31.
French Mathematical Society, 173.
Frizell (A. B.): Hatzidakis's Introduction to Higher Algebra, 169.
Fuchs, I. L., 422.
Function, Note on the Sufficient Conditions for an Analytic, D. R. Curtiss, 329.
Functions, Concerning the Elliptic $\wp(g_2, g_3, z)$-Functions as Coördinates in a Line Complex, and Certain Related Theorems, H. F. Stecker, 148.

——— of a Real Variable, On Wronskians of, M. Böcher, 53.
Fundamental Forms, Concerning Surfaces whose First and Second Fundamental Forms are the Second and First Fundamental Forms Respectively of Another Surface, A. Pell, 27.
Fundamental Laws of Algebra to the Multiplication of Infinite Series, The Application of the, F. Cajori, 231.
Furtwängler, P., 175.

Galois Theory in Burnside and Panton's Theory of Equations, The, B. S. Easton, 349.
Gauss Archiv, 484.
Gauss's (K. F.) General Investigations of Curved Surfaces, Morehead and Hiltebeitel's Translation, E. O. Lovett, 352.
Generators of Certain Parameter Groups, The Infinitesimal, S. E. Slocum, 156.
Generators of Parameter Groups, The Infinitesimal, T. J. I'A. Bromwich, 375.
German Bureau for International Bibliography, 360.
——— Mathematical Association, The Hamburg Meeting of the, C. M. Mason, 113.
——— Mathematical Society, 29, 130, 262, 355.
——— Society of Geometers, 355.
Gibbs, J. W., 36, 132, 207.
Gibson's (G. A.) Calculus, W. F. Osgood, 248.
Giessen, University of, 31, 312.
Gore, J. H., 360.
Göttingen, Academy of Sciences, 174, 175.
Göttingen, University of, 31, 175, 312.
Granville, W. A., 173.
Gray's (A.) Treatise on Physics, Vol. I, E. B. Wilson, 403.
Green's Theorem in One Dimension, Some Applications of, O. Dunkel, 288.
Greifswald, University of, 32, 313.
Group, Note on the Transformation of a Group into its Canonical Form, S. E. Slocum, 280.
——— of Order p^m that Contains an Operator of Order p^{m-2} or p^{m-3}, p being a Prime, Concerning the Class of a, W. B. Fite, 236.
——— Proof that the Group of an Irreducible Linear Differential Equation is Transitive, S. Epsteen, 239.
——— Simplified Definition of a, E. V. Huntington, 296.
——— A Second Definition of a, E. V. Huntington, 388.
Groups, A Class of Simply Transitive Linear, L. E. Dickson, 394.
——— Determination of All the Groups of Order p^m, p being any Prime, which Contain the Abelian Group of Order p^{m-1} and of Type (1, 1, 1, ...), G. A. Miller, 391.
——— On the Abelian Groups which are Conformal with Non-Abelian Groups, G. A. Miller, 154.
——— The Infinitesimal Generators of Certain Parameter Groups, S. E. Slocum, 156.
——— The Infinitesimal Generators of Parameter Groups, T. J. I'A. Bromwich, 375.
——— Upon the Non-Isomorphism of Two Simple Groups of Order 8!/2, I. M. Schottenfels, 25.
Guldberg, C. M., 265.
Gutzmer, A., 130.

Haag, P., 37.
Hadamard, J., 88, 131.

Halle, University of, 32, 358.
Hamburg Meeting of the Deutsche Mathematiker-Vereinigung, The, C. M. Mason. 113.
Harkness, J., 482.
Harvard University, 356.
Haskell, M. W., 315.
Haskins, C. N., 422.
Hatzidakis, J. N., 223.
Hatzidakis's (J. N.) Introduction to Higher Algebra, A. B. Frizell, 169.
Hausdorff, F., 223.
Havelock, T. H., 309.
Hawkes, H. E., 314.
Heidelberg, University of, 32, 313.
Helmling, P., 39.
Hensel's (K.) Kronecker's Lectures on the Theory of Numbers, II, 1, G. A. Miller, 303.
Hermite, C., 37.
Higher Algebra, Hatzidakis's Introduction to, A. B. Frizell, 169.
Hilbert, D., 484.
Hilbert (D.): Lecture on Mathematical Problems before the Paris Congress, 1900, translated by M. W. Newson, 437.
Hill's (M. J. M.) Contents of the Fifth and Sixth Books of Euclid, J. L. Coolidge, 216. Reply by the Author, 479.
Hiltebeitel (A. M.) and Morehead's Translation of Gauss's General Investigations of Curved Surfaces, E. O. Lovett, 352.
History of Mathematics in Antiquity and the Middle Ages, Mascart's French Translation of Zeuthen's, D. E. Smith, 353.
Hoffmann's Zeitschrift, 356.
Holgate (T. F.): The January Meeting of the Chicago Section, 198.
——— The March Meeting of the Chicago Section, 319.
Holland Scientific Society, 420.
Huntington, E. V., 88.
Huntington (E. V.): Simplified Definition of a Group, 296.
——— A Second Definition of a Group, 388.
——— and J. K. Whittemore: Some Curious Properties of Conics Touching the Line Infinity at One of the Circular Points, 122, 419.
Hutchinson, J. I., 482.

Independent Variable, Schlesinger's Introduction to the Theory of Differential Equations with One, M. Böcher, 168.
Index, 497.
Infinitesimal Generators of Certain Parameter Groups, The, S. E. Slocum, 156.
——— Generators of Parameter Groups, The, T. J. I'A. Bromwich, 375.
Infinite Series, The Application of the Fundamental Laws of Algebra to the Multiplication of, F. Cajori, 231.
Infinity, Some Curious Properties of Conics Touching the Line Infinity at One of the Circular Points, E. V. Huntington and J. K. Whittemore, 122, 419.
Innsbruck, University of, 32. 358.
International Association for Promoting the Study of Quaternions, 130.
——— Bibliography, German Bureau for, 360.
——— Congress of Historical Sciences at Rome, 262.
Investigations of Curved Surfaces, Morehead and Hiltebeitel's Translation of Gauss's General, E. O. Lovett, 352.

Irreducible, Proof that the Group of an Irreducible Linear Differential Equation is Transitive, S. Epsteen, 239.
Isomorphism, Upon the Non-Isomorphism of Two Simple Groups of Order 8!/2, I. M. Schottenfels, 25.
Isotropic Congruences, Note on, L. P. Eisenhart, 301.
Ithaca Colloquium, The, E. Kasner, 22.
——— Colloquium, Abstract of Lectures before the, E. W. Brown, 103.

Jablonowski Society, 223.
Jahnke, E., 175.
Jahresbericht der Deutschen Mathematiker-Vereinigung, 130, 262.
January Meeting of the Chicago Section, The, T. F. Holgate, 198.
Jena, University of, 32, 313.
Johns Hopkins University, 420.
Johnson, W. W., 37.
Jonquières, F. de, 39.

Kabitz, W., 264.
Kasner (E.): Some Properties of Potential Surfaces, 243.
——— The February Meeting of the American Mathematical Society, 271.
——— The Ithaca Colloquium, 22.
——— The October Meeting of the American Mathematical Society, 95.
Kelvin, Lord, 265.
Kenyon, A. M., 175.
Keyser (C. J.): Concerning the Angles and the Angular Determination of Planes in 4-Space, 324.
Kiel, University of, 33, 358.
Kiepert's (L.) Calculus, E. W. Davis, 412.
Koenigs, G., 222.
Koenigsberg, University of, 33, 358.
Koenigsberger, L., 309.
Korteweg, D. J., 309.
Kowalewski, G., 132.
Kronecker's (L.) Lectures on the Theory of Numbers, II, 1, edited by Hensel, G. A. Miller, 303.

Laisant, C. A., 223.
Lambert, W. D., 132.
Landau, E., 37.
Larmor, J., 37.
Lasker, E., 223.
Laugel, L., 222.
Laws, Application of the Fundamental Laws of Algebra to the Multiplication of Infinite Series, F. Cajori, 231.
Lecture before the Paris Congress, 1900, on Mathematical Problems, Hilbert's, translated by M. W. Newson, 437.
Lectures before the Ithaca Colloquium, Abstract of, E. W. Brown, 103.
——— Kronecker's Lectures on the Theory of Numbers, II, 1, edited by Hensel, G. A. Miller, 303.
Legendre's (A. M.) Tables of Linear Divisors, Errors in, D. N. Lehmer, 401.
Lehmer (D. N.): Errors in Legendre's Tables of Linear Divisors, 401.
Leibniz, G. W., 264.
Leipsic, University of, 33, 358.

Lemoine (E.): Note on Mr. George Peirce's Approximate Construction for π, 137.
Length, Lines of Length Zero on Surfaces, L. P. Eisenhart, 241.
Lévy, M., 175.
Library of the American Mathematical Society, 183, 261, 308, 355, 419.
Line Complex, Concerning the Elliptic $\wp(g_2, g_3, z)$-Functions as Coördinates in a Line Complex, and Certain Related Theorems, H. F. Stecker, 148.
Line Infinity, Some Curious Properties of Conics Touching the Line Infinity at One of the Circular Points, E. V. Huntington and J. K. Whittemore, 122, 419.
Linear Differential Equations, Proof that the Group of an Irreducible Linear Differential Equation is Transitive, S. Epsteen, 239.
Linear Divisors, Errors in Legendre's Tables of, D. N. Lehmer, 401.
Linear Groups, A Class of Simply Transitive, L. E. Dickson, 394.
Lines of Length Zero on Surfaces, L. P. Eisenhart, 241.
Lines, The Configuration of the 27 Lines on a Cubic Surface and the 28 Bitangents to a Quartic Curve, L. E. Dickson, 63.
Littell, F. B., 88, 175.
Little, C. N., 38.
Liverpool Mathematical Society, 29, 222.
Lombardy, Royal Institute of, 360.
London Mathematical Society, 129, 172, 221, 262, 308, 419.
——— Royal Astronomical Society, 172.
——— Royal Society, 132, 175.
Longitudes, Annuaire pour l'An 1902 du Bureau des, E. W. Brown, 260.
Lovett, E. O., 481.
Lovett (E. O.): Morehead and Hiltebeitel's Translation of Gauss's General Investigations of Curved Surfaces, 352.
Lunn, A. C., 38.

Macfarlane, A., 262.
Mannheim, A., 37, 264.
Marbec, —, 222.
Marburg, University of, 33, 313.
March Meeting of the Chicago Section, The, T. F. Holgate, 319.
Mascart's (J.) French Translation of Zeuthen's History of Mathematics in Antiquity and the Middle Ages, D. E. Smith, 353.
Mason (C. M.): The Hamburg Meeting of the Deutsche Mathematiker-Vereinigung, 113.
Mathematical Physics, Riemann-Weber's Partial Differential Equations of, J. S. Ames, 81.
Mathematical Problems, Hilbert's Lecture before the Paris Congress, 1900, translated by M. W. Newson, 437.
Mathematics in Antiquity and the Middle Ages, Mascart's French Translation of Zeuthen's History of, D. E. Smith, 353.
Matthiessen, L., 223.
Mayer, A., 37.
Mechanics, Some Recent Books on, E. B. Wilson, 341, 403.
——— Cellérier's, E. B. Wilson, 403.
——— Slate's Principles of, E. B. Wilson, 341.
Meetings of the American Mathematical Society, Reports of, 1, 22, 95, 183, 198, 271, 319, 367, 429.
Meetings, American Association, 29, 71; American Mathematical Society, 29, 129, 261, 309, 355; American Physical Society, 173;

Berlin Mathematical Society, 172, 419; British Association, 130, 309; British Mathematical Association, 130, 420; Cambridge Philosophical Society, 130, 309; Cherbourg Society of the Natural and Mathematical Sciences, 130; Edinburgh Mathematical Society, 419; French Mathematical Society, 173; German Mathematical Association, 29, 113, 130, 355; German Society of Geometers, 355; Liverpool Mathematical Society, 29, 222; London Mathematical Society, 129, 172, 221, 262, 308, 419; London Royal Astronomical Society, 172; London Royal Society, 175; National Academy of Sciences, 355; Paris Academy of Sciences, 222; Rome, International Congress, 262; Russian Association of Naturalists and Physicians, 130.
Mellor, J. W. 36.
Members of the American Mathematical Society, Annual Register, 129, 221.
——— Elected, 2, 95, 184, 271, 367.
Methods, Modern Methods of Treating Dynamical Problems and in Particular the Problem of Three Bodies, E. W. Brown, 103.
Metzler, W. H., 88, 421.
Michigan, University of, 311.
Middle Ages, Mascart's French Translation of Zeuthen's History of Mathematics in Antiquity and the, D. E. Smith, 353.
Mie, G., 223.
Miller (G. A.): Determination of All the Groups of Order p^m, p being any Prime, which Contain the Abelian Group of Order p^{m-1} and of Type (1, 1, 1, ...), 391.
——— Kronecker's Lectures on the Theory of Numbers, I, 1, edited by Hensel, 303.
——— On the Abelian Groups which are Conformal with Non-Abelian Groups, 154.
——— The Fiftieth Annual Meeting of the American Association for the Advancement of Science, 71.
Minkowski, H., 175, 484.
Mittag-Leffler, G., 265.
Models, Mathematical and Physical, 484.
Modern English Calculus, A, (Gibson's), W. F. Osgood, 248.
Modern Methods of Treating Dynamical Problems and in Particular the Problem of Three Bodies, E. W. Brown, 103.
Morehead (J. C.) and Hiltebeitel's Translation of Gauss's General Investigations of Curved Surfaces, E. O. Lovett, 352.
Moreno, H. C., 38.
Moser, C., 175.
Multiplication of Infinite Series, The Application of the Fundamental Laws of Algebra to the, F. Cajori, 231.
Munich, University of, 34, 263.
Murray, D. A., 38.

National Academy of Sciences, 355.
Neumann, E., 88, 132.
Newcomb, S., 264.
New Publications, 39, 89, 133, 176, 224, 265, 315, 361, 422, 485.
Newson (M. W.): Translation of Hilbert's Lecture before the Paris Congress, 1900, on Mathematical Problems, 437.
Ninth Summer Meeting of the American Mathematical Society, 271, 355.
Nobel Prizes, 175.
Noether, M., 37.

Non-Abelian Groups, On the Abelian Groups which are Conformal with, G. A. Miller, 154.
Non-Isomorphism of two Simple Groups of Order 8!/2, Upon the, I. M. Schottenfels, 25.
Note on Isotropic Congruences, L. P. Eisenhart, 301.
——— on Mr. George Peirce's Approximate Construction for π, E. Lemoine, 137.
——— on the Sufficient Conditions for an Analytic Function, D. R. Curtiss, 329.
——— on the Transformation of a Group into its Canonical Form, S. E. Slocum, 280.
Notes, 29, 85, 129, 172, 221, 261, 308, 355, 419, 481.
Notices, Shorter, 168, 257, 352.
Numbers, Beman's Translation of Dedekind's Essays on the Theory of, L. E. Dickson, 259.
——— Cahen's Elements of the Theory of, L. E. Dickson, 257.
——— Kronecker's Lectures on the Theory of, II, 1, edited by Hensel, G. A. Miller, 303.

October Meeting of the American Mathematical Society, The, E. Kasner, 95.
Officers of the American Mathematical Society Elected at Annual Meeting, 185.
On the Abelian Groups which are Conformal with Non-Abelian Groups, G. A. Miller, 154.
On the Forms of Quintic Scrolls, V. Snyder, 293.
On the Parabolas (or Paraboloids) through the Points Common to Two Given Conics (or Quadrics), T. J. I'A. Bromwich, 386.
One Dimension, Some Applications of Green's Theorem in, O. Dunkel, 288.
Order 8!/2, Upon the Non-Isomorphism of Two Simple Groups of, I. M. Schottenfels, 25.
Order p^m, Concerning the Class of a Group of Order p^m that Contains an Operator of Order p^{m-2} or p^{m-3}, p being a Prime, W. B. Fite, 236.
Order p^m, Determination of All the Groups of Order p^m, p being any Prime, which Contain the Abelian Group of Order p^{m-1} and of Type (1, 1, 1, ...), G. A. Miller, 154.
Osgood (W. F.): A Modern English Calculus, (Gibson's), 248.
Ostrogradsky, M., 36.
Oxford University, 131, 173, 309.

Page, J. M., 38.
Page (J. M.): Scheffers's Introduction to the Theory of Surfaces, 332.
Panton (A. W.) and Burnside's Theory of Equations, The Galois Theory in, B. S. Easton, 349.
Papers and Communications Presented to the Society, Authors:
Allardice, R. E., 429.
Ames, L. D., 368.
Ball, R. S., 185.
Bell, A. T., 319.
Black, C. W. McG., 3.
Blake, E. M., 429.
Blichfeldt, H. F., 429.
Bliss, G. A., 2.
Bôcher, M., 2, 3, 186, 272.
Bolza, O., 2, 24, 319, 319.
Bouton, C. L., 199.
Bromwich, T. J. I'A., 368, 368.
Brown, E. W., 24, 272.
Coble, A. B., 186.
Coolidge, J. L., 368.
Curtiss, D. R., 186, 368.
Dickson, L. E., 3, 3, 199, 292, 319, 320.

Dowling, L. W., 3, 199.
Dunkel, O., 272.
Eisenhart, L. P., 96, 186, 186, 368.
Emch, A., 186, 199.
Epsteen, S., 186, 429.
Field, P., 368.
Fields, J. C., 2, 2, 199.
Fite, W. B., 186, 272.
Ford, W. B., 2, 186.
Gale, A. S., 272.
Glover, J. W., 199.
Gundersen, C., 186.
Hadamard, J., 96.
Hall, T. P., 199.
Hancock, H., 185.
Haskell, M. W., 199, 199, 199, 429.
Haskins, C. N., 3.
Hedrick, E. R., 186, 186.
Huntington, E. V., 96, 271, 272, 272, 368, 368.
Hutchinson, J. I., 2.
Jacoby, H., 185.
Kasner, E., 3, 96, 186, 186, 368.
Keyser, C. J., 368.
Laves, K., 320.
Lehmer, D. N., 429.
Lemoine, E., 3.
Leuschner, A. O., 430.
Lowell, P., 272.
Maclay, J., 272.
Manning, W. A., 430.
Maschke, H., 319.
McClintock, E., 185.
McDonald, J. H., 430.
McKinney, T. E., 3.
Miller, G. A., 3, 96, 186, 199, 430.
Moore, E. H., 2, 3, 186, 199, 368.
Moreno, H. C., 430.
Morley, F., 186.
Moulton, F. R., 199.
Newson, H. B., 199.
Nutting, P. G., 430.
Pell, A., 4.
Porter, M. B., 272.
Pringsheim, A., 2, 2.
Putnam, T. N., 430.
Rabinovitch, I. E., 3, 96.
Radelfinger, F. G., 3.
Rietz, H. L., 3, 272.
Risteen, A. D., 368.
Roe, E. D., 3.
Roever, W. H., 272.
Safford, F. H., 368.
Schottenfels, L. M., 3, 96, 368.
Scott, C. A., 186, 186, 368.
Shaw, J. B., 199.
Slocum, S. E., 96, 186.
Smith, P. F., 186.
Snyder, V., 3, 185, 272.
Stecker, H. F., 3, 3, 3, 96, 185, 368.
Stolz, O., 96, 319.
Stringham, I., 430.
Townsend, E. J., 320.
Van Vleck, E. B., 2, 96.
Weld, L. G., 319.
Westlund, J., 199, 199.
White, H. S., 199.
Whitney, A. W., 430.
Whittemore, J. K., 96.
Wilczynski, E. J., 96, 272, 430.
Wood, R. G., 368.
Young, J. W., 186, 272.

Papers Read before the American Mathematical Society and Subsequently Published, Eleventh Annual List of, 491.
Parabolas (or Paraboloids) through the Points Common to Two Given Conics (or Quadrics), On the, T. J. I'A. Bromwich, 386.
Parameter Groups, The Infinitesimal Generators of Certain, S. E. Slocum, 156.
——— Groups, The Infinitesimal Generators of, T. J. I'A. Bromwich, 375.
Paranjpye, R. P., 132, 265.
Paris Academy of Sciences, 222.
——— Congress of Mathematicians, 1900, 262.
——— Congress, 1900, Hilbert's Lecture on Mathematical Problems, translated by M. W. Newson, 437.
——— University of, 174, 263, 420.
Partial Differential Equations of Mathematical Physics, Riemann-Weber's, J. S. Ames, 81.
Peano, G., 264.
Peirce, B. O., 88, 223, 421.

Peirce's Approximate Construction for π, Note on, Mr. George, E. Lemoine, 137.
Pell (A.): Concerning Surfaces whose First and Second Fundamental Forms are the Second and First Fundamental Forms Respectively of Another Surface, 27.
Physics, Riemann-Weber's Partial Differential Equations of Mathematical, J. S. Ames, 81.
——— Gray's Treatise on, Vol. I, E. B. Wilson, 403.
π, Note on Mr. George Peirce's Approximate Construction for, E. Lemoine, 137.
Picard, E., 37.
Picard's (E.) Traité d'Analyse, Second Edition, Vol. I, M. Böcher, 124.
Pierce, A. B., 38.
Planes in 4-Space, Concerning the Angles and the Angular Determination of, C. J. Keyser, 324.
Poincaré, H., 175.
Points Common to Two Given Conics (or Quadrics), On the Parabolas (or Paraboloids) through the, T. J. I'A. Bromwich, 386.
——— Some Curious Properties of Conics Touching the Line Infinity at One of the Circular, E. V. Huntington and J. K. Whittemore, 122, 419.
Pokrovsky, P. M., 88.
Porter, M. B., 314, 482.
Potential Surfaces, Some Properties of, E. Kasner, 243.
Prantl, L. v., 37.
Prague, University of, 359.
Principles of Mechanics, Slate's, E. B. Wilson, 341.
Prizes: Amsterdam Scientific Society, 264; Belgian Academy of Sciences, 263, 308; Brussels Scientific Society, 421; Cambridge University, 309; Copley Medal, 132; Danish Academy of Sciences, 223; Göttingen Academy of Sciences, 174; Holland Scientific Society, 421; Jablonowski Society, 223; Lombardy Royal Institute, 360; London Royal Society, 175; Nobel, 175; Paris Academy of Sciences, 222.
Problem of Three Bodies, Modern Methods of Treating Dynamical Problems and in Particular the, E. W. Brown, 103.
Problems, Mathematical, Hilbert's Lecture before the Paris Congress, 1900, translated by M. W. Newson, 437.
Proof that the Group of an Irreducible Linear Differential Equation is Transitive, S. Epsteen, 239.
Properties of Conics Touching the Line Infinity at One of the Circular Points, Some Curious, E. V. Huntington and J. K. Whittemore, 122, 419.
——— of Potential Surfaces, Some, E. Kasner, 243.
Publications, New, 39, 89, 133, 176, 224, 265, 315, 361, 422, 485.
Purcer, F., 265.
Purser, J., 132.
Putnam, T. M., 132.

Quadrics, On the Parabolas (or Paraboloids) through the Points Common to Two Given Conics (or Quadrics), T. J. I'A. Bromwich, 386.
Quartic, The Configurations of the 27 Lines on a Cubic Surface and the 28 Bitangents to a Quartic Curve, L. E. Dickson, 63.
Quaternions, International Association for Promoting the Study of, 130.
Quintic Scrolls, On the Forms of, V. Snyder, 293.

Rasor, D. E., 38.
Rau, R., 175.
Real Variable, On Wronskians of Functions of a, M. Bôcher, 53.
Reaves, S. W., 38.
Recent Books on Mechanics, Some, E. B. Wilson, 341, 403.
Register of the American Mathematical Society, Annual, 129, 221.
Reid, L. W., 132.
Répertoire Bibliographique des Sciences Mathématiques, 359.
Reply to Mr. J. L. Coolidge's Review of Hill's Euclid, M. J. M. Hill, 497.
Reports of Meetings of the American Mathematical Socjety, 1, 22, 95, 183, 198, 271, 319, 367, 429.
Reviews, List of Works Reviewed:
Annuaire pour l'An 1902 du Bureau des Longitudes, E. W. Brown, 260.
Beman (W. W.): Translation of Dedekind's Essays on the Theory of Numbers, L. E. Dickson, 259.
Burnside (W. S.) and Panton (A. W.): Theory of Equations, The Galois Theory in, B. S. Easton, 349.
Cahen (E.): Elements of the Theory of Numbers, L. E. Dickson, 257.
Cellérier (C.): Mechanics, E. B. Wilson, 403.
Dedekind (R.), see Beman (W. W.).
Gauss (K. F.), see Morehead (J. C.).
Gibbs (J. W.), see Wilson (E. B.).
Gibson (G. A.): An Elementary Treatise on the Calculus, W. F. Osgood, 248.
Gray (A.): A Treatise on Physics, E. B. Wilson, 403.
Hatzidakis (J. N.): Introduction to Higher Algebra, A. B. Frizell, 169.
Hensel (K.): Kronecker's Lectures on the Theory of Numbers, II, 1, G. A. Miller, 303.
Hill (M. J. M.): The Contents of the Fifth and Sixth Books of Euclid, J. L. Coolidge, 216. Reply by the Author, 479.
Hiltebeitel (A. M.), see Morehead (J. C.).
Kiepert (L.): Differential and Integral Calculus, E. W. Davis, 412.
Kronecker (L.), see Hensel (K.).
Legendre (A. M.): Tables of Linear Divisors, Errors in, D. N. Lehmer, 401.
Mascart (J.): French Translation of Zeuthen's History of Mathematics in Antiquity and the Middle Ages, D. E. Smith, 353.
Morehead (J. C.) and Hiltebeitel (A. M.): Translation of Gauss's General Investigations of Curved Surfaces, E. O. Lovett, 352.
Panton (A. W.), see Burnside (W. S.).
Picard (E.): Traité d'Analyse, Second Edition, Volume I, M. Bôcher, 124.
Riemann (B.), see Weber (H.).
Roberts (H. A.): Treatise on Elementary Dynamics, E. B. Wilson, 341.
Routh (E. J.), see Schepp (A.).
Scheffers (G.): Introduction to the Theory of Surfaces, J. M. Page, 332.
Schepp (A.): German Translation of Routh's Dynamics of Systems of Rigid Bodies, E. B. Wilson, 341.
Schlesinger (L.): Introduction to the Theory of Differential Equations with One Independent Variable, M. Bôcher, 168.

Simon (M.): Euclid and the Six Planimetric Books, J. L. Coolidge, 216.
Slate (F.): Principles of Mechanics, E. B. Wilson, 341.
Weber (H.): Riemann's Partial Differential Equations of Mathematical Physics, J. S. Ames, 81.
Wilson (E. B.): Gibbs's Vector Analysis, A. Ziwet, 207.
Zeuthen (H. G.), see Mascart (J.).
Riemann (B.): Partial Differential Equations of Mathematical Physics, Weber's Edition, J. S. Ames, 81.
Rietz, H. L., 421.
Rigid Bodies, Schepp's German Translation of Routh's Dynamics of Systems of, E. B. Wilson, 341.
Ritter, P., 264.
Roberts's (H. A.) Treatise on Elementary Dynamics, E. B. Wilson, 341.
Röntgen, W. C., 175.
Rost, G., 88.
Routh's (E. J.) Dynamics of Systems of Rigid Bodies, Schepp's German Translation, E. B. Wilson, 341.
Rowland, H. A., 132, 421.
Royal Astronomical Society, 172.
Royal Society of London, 132, 175.
Rudzki, M. v., 37.
Runkle, J. D., 422, 484.
Russell, B. A. W., 87.
Russian Naturalists and Physicians, Congress of, 130.

Safford, F. H., 38.
San Francisco Section of the American Mathematical Society, 271, 309, 355.
San Francisco Section of the American Mathematical Society, The First Meeting of the, E. J. Wilczynski, 429.
Scheffers's (G.) Introduction to the Theory of Surfaces, J. M. Page, 332.
Schell, W., 88.
Schepp's (A.) German Translation of Routh's Dynamics of Systems of Rigid Bodies, E. B. Wilson, 341.
Schlesinger's (L.) Introduction to the Theory of Differential Equations with One Independent Variable, M. Böcher, 168.
Schott, C. A., 39.
Schotten, H., 356.
Schottenfels (I. M.): Upon the Non-Isomorphism of Two Simple Groups of Order 8!/2, 25.
Schur, W., 39.
Scott, G. H., 484.
Scrolls, On the Forms of Quintic, V. Snyder, 293.
Seares, F. H., 37.
Second Definition of a Group, A, E. V. Huntington, 388.
Section of the American Mathematical Society, Chicago, 29, 129, 261.
——— The January Meeting of the Chicago, T. F. Holgate, 198.
——— The March Meeting of the Chicago, T. F. Holgate, 319.
——— Of the American Mathematical Society, San Francisco, 271, 309, 355.
——— Of the American Mathematical Society, The First Meeting of the San Francisco, E. J. Wilcyznski, 429.
Series, The Application of the Fundamental Laws of Algebra to the Multiplication of Infinite, F. Cajori, 231.

Shorter Notices, 168, 257, 352.
Simon's (M.) Euclid and the Six Planimetric Books, J. L. Coolidge, 216.
Simple Groups of Order 8!/2, Upon the Non-Isomorphism of Two, I. M. Schottenfels, 25.
Simplified Definition of a Group, E. V. Huntington, 296.
Simply Transitive Linear Groups, A Class of, L. E. Dickson, 394.
Slate's (F.) Principles of Mechanics, E. B. Wilson, 341.
Slocum (S. E.): Note on the Transformation of a Group into its Canonical Form, 280.
——— The Infinitesimal Generators of Certain Parameter Groups, 156.
Smith (D. E.): Mascart's French Translation of Zeuthen's History of Mathematics in Antiquity and the Middle Ages, 353.
Smith, J. H., 39.
Smith Prizes, 309.
Snyder (V.): On the Forms of Quintic Scrolls, 293.
Some Applications of Green's Theorem in One Dimension, O. Dunkel, 288.
Some Curious Properties of Conics Touching the Line Infinity at One of the Circular Points, E. V. Huntington and J. K. Whittemore, 122, 419.
Some Properties of Potential Surfaces, E. Kasner, 243.
Some Recent Books on Mechanics, E. B. Wilson, 341, 403.
Sommer, J., 132.
Space, Concerning the Angles and the Angular Determination of Planes in 4-Space, C. J. Keyser, 324.
Stanford University, 311.
Stecker, H. F., 38.
Stecker (H. F.): Concerning the Elliptic $\wp(g_2, g_3, \varepsilon)$-Functions as Coördinates in a Line Complex, and Certain Related Theorems, 148.
Stevens, M. C., 484.
Strassburg, University of, 34, 264, 313.
Sufficient Conditions for an Analytic Function, Note on the, D. R. Curtiss, 329.
Summer Meeting of the American Mathematical Society, The Eighth, F. N. Cole, 1.
——— Meeting of the American Mathematical Society, Ninth, 271, 355.
Surface, The Configurations of the 27 Lines on a Cubic Surface and the 28 Bitangents to a Quartic Curve, L. E. Dickson, 63.
Surfaces, Concerning Surfaces whose First and Second Fundamental Forms are the Second and First Fundamental Forms Respectively of Another Surface, A. Pell, 27.
——— Lines of Length Zero on, L. P. Eisenhart, 241.
——— Morehead and Hiltebeitel's Translation of Gauss's General Investigations of, E. O. Lovett, 352.
——— Scheffers's Introduction to the Theory of, J. M. Page, 332.
——— Some Properties of Potential, E. Kasner, 243.
Sylvester Medal, 175.
Systems of Rigid Bodies, Schepp's Translation of Routh's Dynamics of, E. B. Wilson, 341.

Tables of Linear Divisors, Errors in Legendre's, D. N. Lehmer, 401.
Tait, P. G., 39, 360.
Tarleton, F. A., 265.

Theorem, Some Applications of Green's Theorem in One Dimension, O. Dunkel, 288.
Theorems, Concerning the Elliptic $\wp(g_2, g_3, z)$-Functions as Coördinates in a Line Complex, and Certain Related, H. F. Stecker, 148.
Theory of Differential Equations with One Independent Variable, Schlesinger's Introduction to the, M. Bôcher, 168.
——— of Numbers, Beman's Translation of Dedekind's Essays on the, L. E. Dickson, 259.
——— of Numbers, Cahen's Elements of the, L. E. Dickson, 257.
——— of Numbers, Hensel's Edition of Kronecker's Lectures on the, II, 1, G. A. Miller, 303.
——— of Surfaces, Scheffers's Introduction to the, J. M. Page, 332.
——— The Galois Theory in Burnside and Panton's Theory of Equations, B. S. Easton, 349.
Thome, J. M., 222.
Thomson, J. J., 37.
Three Bodies, Modern Methods of Treating Dynamical Problems and in Particular the Problem of, E. W. Brown, 103.
Tissot, —, 222.
Traité d'Analyse, Picard's, Second Edition, Vol. I., M. Bôcher, 124.
Transactions of the American Mathematical Society, 85, 172, 271, 308, 481.
Transformation of a Group into its Canonical Form, Note on the, S. E. Slocum, 280.
Transitive Linear Groups, A Class of Simply, L. E. Dickson, 394.
——— Proof that the Group of an Irreducible Linear Differential Equation is, S. Epsteen, 239.
Treatise on the Calculus, Gibson's Elementary, W. F. Osgood, 248.
——— on Elementary Dynamics, Roberts's, E. B. Wilson, 341.
——— on Physics, Gray's, E. B. Wilson, 403.
Tübingen, University of, 34, 263, 314.
Tyler, H. W., 360.

Universities, Announcements of Courses in Mathematics:
Berlin, 30, 357.
Bonn, 30, 357.
Breslau, 31, 312.
California, 310.
Cambridge, 86, 87.
Chicago, 356, 482.
College of France, 174.
Columbia, 483.
Cornell, 262, 483.
Erlangen, 31, 312.
Freiburg, 31.
Giessen, 31, 312.
Göttingen, 31, 312.
Greifswald, 32, 313.
Halle, 32, 358.
Harvard, 356.
Heidelberg, 32, 313.
Innsbruck, 32, 358.
Jena, 32, 313.
Johns Hopkins, 420.
Kiel, 33, 358.
Koenigsberg, 33, 358.
Lehigh, 262.
Leipsic, 33, 358.
Marburg, 33, 313.
Michigan, 311.
Munich, 34, 263.
Oxford, 131, 173, 309.
Paris, 174, 263, 420.
Prague, 359.
Stanford, 311.
Strassburg, 34, 313.
Tübingen, 34, 263, 314.
Vienna, 34, 359.
Yale, 311.
Upon the Non-Isomorphism of Two Simple Groups of Order 8!/2, I. M. Schottenfels, 25.

Van Vleck, E. B., 482.
Variable, On Wronskians of Functions of a Real, M. Bôcher, 53.

——— Schlesinger's Introduction to the Theory of Differential Equations with One Independent, M. Bôcher, 168.
Vector Analysis, Wilson's, A. Ziwet, 207.
Vienna, University of, 34, 359.

Weber, H., 421.
Weber's (H.) Riemann's Partial Differential Equations of Mathematical Physics, J. S. Ames, 81.
Weinholdt, E., 37.
Wellstein, J., 421.
Westlund, J., 484.
White, H. S., 482.
Whittemore (J. K.) and Huntington (E. V.): Some Curious Properties of Conics Touching the Line Infinity at One of the Circular Points, 122, 419.
Wilczynski, E. J., 484.
Wilczynski (E. J.): The First Meeting of the San Francisco Section of the American Mathematical Society, 429.
Williams, C. B., 132.
Wilson, E. B., 36, 314.
Wilson's (E. B.): Some Recent Books on Mechanics, 341, 403.
Wilson's (E. B.) Gibbs's Vector Analysis, A. Ziwet, 207.
Wiman, A., 421.
Wimperis, H. E., 309.
Witz, A., 222.
Wolf, M., 88.
Wölffing, E., 86.
Wood, E. M., 38.
Wright, J. E., 309.
Wronskians of Functions of a Real Variable, On, M. Bôcher, 53.

Yale University, 36, 311, 314.

Zeitschrift für Mathematischen und Naturwissenschaftlichen Unterricht, 356.
Zero, Lines of Length Zero on Surfaces, L. P. Eisenhart, 241.
Zeuthen's History of Mathematics in Antiquity and the Middle Ages, Mascart's French Translation, D. E. Smith, 353.
Ziwet (A.): Wilson's Vector Analysis, 207.
Zoll, O., 175.
Zsigmondy, K., 421.